

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	100	106/721,461.ccls. and ( sand or perlite or diatomaceous or silica or si02 or "si0.sub.2") same ( diameter or size)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/14 10:14
L2	11	106/721,461.ccls. and ( sand or perlite or diatomaceous or silica or si02 or "si0.sub.2") same ( diameter or size) and calcite	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/14 10:15
S1	1	10/583048	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:36
S2	0	ca?3mg?3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:36
S3	0	ca?6mg?6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:37
S4	5609	ca\$6mg\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:37
S5	84	ca\$6mg\$6 same sand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:37
S6	1	ca\$6mg\$6 same flow\$3 near2 agent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:38
S7	1	ca\$6mg\$6 same ( powder \$3) and flow\$3 near2 agent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:38

S8	60	ca\$6mg\$6 and flow\$3 near2 agent	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:38
S9	1	ca\$6mg\$6 with perlite	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:39
S10	232	ca\$6mg\$6 with lime	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:39
S11	54	ca\$6mg\$6 with lime and sand	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:39
S12	1	ca\$6mg\$6 with lime with slake\$3 and sand	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:40
S13	16	ca\$6mg\$6 with lime with slake\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:41
S14	1617	powder\$3 with lime with slake\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:42
S15	176	powder\$3 with lime with slake\$3 with( size or diameter)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:42
S16	410	powder\$3 with lime with slaks\$3 same ( sand or perlite or diatomaceous or silica)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:45
S17	495	powder\$3 with lime with (slak\$3 or hydrated ) same ( sand or perlite or diatomaceous or silica)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:45

S18	208	powder\$3 with lime with (slak\$3 or hydrated ) same ( sand or perlite or diatomaceous or silica) and ( diameter or size)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:58
S19	5	calco-magnesian	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 08:59
S20	2	"5422092".pn.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:04
S21	2	"6592834".pn.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:07
S22	2	"5277837".pn.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:08
S23	0	("2006/0275203").URPN.	USPAT	OR	ON	2008/11/13 09:11
S24	68	gambin.in.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:13
S25	2	gambin.in. and sand and lime	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:13
S26	5	gambin.in. and lime	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:13
S27	5	gambin.in. and sand	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:15
S28	4	laudet.in. and sand	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:15

S29	6	S24 and ( sand or perlite or diatomaceous or silica)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:16
S30	9	laudet.in. and ( sand or perlite or diatomaceous or silica)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:17
S31	0	francolisse.in. and ( sand or perlite or diatomaceous or silica)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:18
S32	0	francolisse.in.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:18
S33	650	flow adj agent with ( sand or perlite or diatomaceous or silica)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:19
S34	36	flow adj agent with ( sand or perlite or diatomaceous or silica) and lime	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:19
S35	1	calco\$1magnesian same flow adj agent with ( sand or perlite or diatomaceous or silica)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:30
S36	1	calco\$1magnesian and flow adj agent with ( sand or perlite or diatomaceous or silica)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:30
S37	2	calco\$1magnesian and ( sand or perlite or diatomaceous or silica)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:30
S38	1	calco\$1magnesian and flow adj agent	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:31

S39	22945	(calcium and magnesium ) with hydroxide and ( sand or perlite or diatomaceous or silica)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:32
S40	8417	(calcium and magnesium ) with hydroxide same ( sand or perlite or diatomaceous or silica)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:32
S41	8273	(calcium with magnesium ) with hydroxide same ( sand or perlite or diatomaceous or silica)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:32
S42	932279	(calcium with magnesium ) with hydroxide same flow adj agent ( sand or perlite or diatomaceous or silica)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:32
S43	0	(calcium with magnesium ) with hydroxide same flow adj agent same ( sand or perlite or diatomaceous or silica)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:32
S44	21	(calcium with magnesium ) with hydroxide and flow adj agent same ( sand or perlite or diatomaceous or silica)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:32
S45	14049	ca\$3ma\$4o\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:37
S46	162	ca\$3mg\$4o\$4 same ( sand or perlite or diatomaceous or silica)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:37
S47	0	lime with powder43 same flow\$3 with( agent or additive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:44
S48	94	lime with powder\$3 same flow\$3 with( agent or additive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:44

S49	31	flow adj ( agent or additive) with ( silica or perlite) with ( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:49
S50	137	flow adj ( agent or additive) with ( silica or perlite) and ( silica or perlite) with ( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:54
S51	20	flow adj ( agent or additive) with ( silica or perlite) with powder and ( silica or perlite) with ( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 09:57
S52	31	flow adj ( agent or additive) with ( size or diameter) with (better benefit\$3 increase increased decrease decreased improv\$5 enhanc \$3 prefer\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 10:02
S53	9	flow adj ( agent or additive) with vermiculite	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 10:04
S54	1832	silica with ( size or diameter) with flow\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 10:12
S55	197	silica with ( size or diameter) with flowability	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 10:12
S56	0	silica with ( size or diameter) with flowability with mineral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 10:16
S57	0	silica with ( size or diameter) with flowability with lime	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 10:16
S58	197	silica with ( size or diameter) with flowability	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 10:16

S59	67	silica with ( size or diameter) with flowability same powder\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 10:16
S60	2758	(flowability or flow adj ( agent or additive)) with ( sand or perlite or diatomaceous or silica)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 10:23
S61	1	(flowability or flow adj ( agent or additive)) with ( sand and perlite and diatomaceous and silica)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 10:23
S62	341	(flowability or flow adj ( agent or additive)) with ( sand )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 10:24
S63	16	(flowability or flow adj ( agent or additive)) with ( sand ) with size	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 10:24
S64	126	slak\$3 with lime same sand and sand same ( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/18 18:00
S65	81	slak\$3 with lime same sand and sand with ( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/18 18:00
S66	611	slaked adj lime same sand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:41
S67	468	slaked adj lime with sand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:41
S68	87	slaked adj lime with sand with ( amount or weight or content or percent\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:42

S69	1348723	slaked adj limewith powder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:43
S70	378881	S69 and flow\$3 adj entent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:43
S71	3145	S69 and flow\$3 adj agent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:43
S72	84	S69 and flow\$3 adj agent same ( sand or perlite or vermiculite or attapulgite)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:44
S73	1301	slaked adj lime with powder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:44
S74	0	S73 and flow\$3 adj agent same ( sand or perlite or vermiculite or attapulgite)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:45
S75	0	S73 and flow\$3 adj agent same ( sand or perlite or vermiculite or attapulgite)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:45
S76	261	S73 and ( sand or perlite or vermiculite or attapulgite)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:46
S77	200	S73 same ( sand or perlite or vermiculite or attapulgite)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:46
S78	35	S77 and ( size or diameter) with ( sand or perlite or vermiculite or attapulgite)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:46

S79	195	kunio and lime	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:48
S80	40	kunio and slaked adj lime	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:48
S81	2197	C01F011/02.ipc. B01J008/24.ipc. F26B003/08.ipc.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:53
S82	8	S81 and lime same sand	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:54
S83	59	423/243.05.cds.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 14:55
S84	606	(lime or cao) same sand with ( size or diameter)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:10
S85	13	flow\$2 adj agent same sand with ( size or diameter)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:20
S86	620	slaked adj lime same sand	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 10:10
S87	157	slaked adj lime same sand same powder\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 10:11
S88	26	slaked adj lime same sand same powder\$3 and sand with( size or diameter)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 10:11

S89	4	(slaked adj lime or limestone or lime) same attapulgite same powder\$3 and attapulgite with( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 10:23
S90	0	(slaked adj lime or limestone or lime) and attapulgite same fluid adj agent and attapulgite with( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 10:27
S91	0	attapulgite same fluid adj agent and attapulgite with( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 10:27
S92	5	attapulgite same fluid adj agent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 10:27
S93	6	attapulgite same fluid adj agent	US-PGPUB; USPAT; USOOR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 10:28
S94	142	attapulgite same calcium adj hydroxide	US-PGPUB; USPAT; USOOR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 10:28
S95	21	attapulgite same calcium adj hydroxide same powder	US-PGPUB; USPAT; USOOR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 10:29
S96	85	(slaked adj lime or limestone or lime) same vermiculite and vermiculite with( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 10:34
S97	789253	lime sm perlite and perlite with( diameter or size)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 10:45
S98	99	lime same perlite and perlite with( diameter or size)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 10:46

S99	0	attapulgite same slaked and attapulgite with ( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 22:51
S100	17	attapulgite same slaked	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 22:51
S101	2129	attapulgite same calcium adj carbonate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 22:52
S102	38	attapulgite same calcium adj carbonate and attapulgite with ( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 22:52
S103	4	calcic same ( sand or silica or siO <sub>2</sub> or "siO <sub>2</sub> .2" or vermiculite or perlite or diatomaceous ) with ( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 16:52
S104	48280	( cao or ca(OH) <sup>-2</sup> or calcium adj ( oxide or hydroxide) or ca(OH) <sup>-</sup> .sub.2" ) same ( sand or silica or siO <sub>2</sub> or "siO <sub>2</sub> .2" or vermiculite or perlite or diatomaceous ) with ( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 16:55
S105	3241	( cao or calcium adj ( oxide or hydroxide) ) same ( sand or silica or siO <sub>2</sub> or "siO <sub>2</sub> .2" or vermiculite or perlite or diatomaceous ) with ( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 16:55
S106	889	( cao or calcium adj ( oxide or hydroxide) ) same ( sand or silica or siO <sub>2</sub> or "siO <sub>2</sub> .2" or vermiculite or perlite or diatomaceous ) with ( size or diameter) same powder \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 16:56
S107	35	( cao or calcium adj ( oxide or hydroxide) ) same ( vermiculite or perlite or diatomaceous ) with ( size or diameter) same powder \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 16:57

S108	288	( cao or calcium adj ( carbonate or hydroxide ) same ( vermiculite or perlite or diatomaceous ) with ( size or diameter) same powder\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 16:58
S109	300	( caco3 or calcium adj ( carbonate or hydroxide ) same ( vermiculite or perlite or diatomaceous ) with ( size or diameter) same powder\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 16:59
S110	1	"5173279" and perlite	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 17:21
S111	195	( calcium adj ( carbonate or hydroxide ) and ( perlite or vermiculite or diatomaceous ) with( size or diameter) with( contnet or amount or weight)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 17:23
S112	203	( calcium adj ( carbonate or hydroxide ) and ( perlite or vermiculite or diatomaceous ) with ( size or diameter) with( content or amount or weight)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 17:23
S113	56	( calcium adj ( carbonate or hydroxide ) and ( perlite ) with ( size or diameter) with( content or amount or weight)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 17:46
S114	151	( calcium adj ( carbonate or hydroxide ) and ( attapulgite or clay ) with ( size or diameter) with ( content or amount or weight) and ( attapulgite or clay with attapulgite )	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 17:59
S115	0	powder43 same ( calcium adj ( carbonate or hydroxide ) and ( attapulgite or clay ) with ( size or diameter) with ( content or amount or weight) and ( attapulgite or clay with attapulgite )	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 17:59

S116	58	powder\$3 same ( calcium adj ( carbonate or hydroxide ) and ( attapulgite or clay ) with ( size or diameter) with( content or amount or weight) and ( attapulgite or clay with attapulgite )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 17:59
S117	36	powder\$3 same ( calcium adj ( carbonate or hydroxide ) and ( attapulgite ) with ( size or diameter) with( content or amount or weight) and ( attapulgite )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 18:00
S118	21	powder\$3 same ( calcium adj ( carbonate or hydroxide ) and ( clay ) with ( size or diameter) with( content or amount or weight) and clay same ( attapulgite )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 18:14
S119	31	powder\$3 same ( calcium adj ( carbonate or hydroxide) or caco3 or ca (oh).sub.2" ) and ( clay ) with ( size or diameter) with( content or amount or weight) and clay same ( attapulgite )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 18:26
S120	10	S119 not S118	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 18:26
S121	22	powder\$3 same ( calcium adj ( carbonate or hydroxide) or caco3 or "ca (oh).sub.2" ) and ( clay ) with ( size or diameter) with( content or amount or weight) and clay same ( attapulgite )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 18:30
S122	35	powder\$3 same ( calcium adj ( carbonate or hydroxide) or caco3 or "ca (oh).sub.2" ) and ( clay ) with ( size or diameter) with( content or amount or weight) and clay same ( attapulgite )	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 18:30

S123	121	( calcium adj ( carbonate or hydroxide) or caco3 or "ca(oh).sub.2" ) and ( clay ) with( size or diameter) with( content or amount or weight) and clay same ( attapulgite )	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 18:38
S124	76	( calcite or limestone ) and ( clay ) with( size or diameter) with( content or amount or weight) and clay same ( attapulgite )	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 19:11
S125	123	( calcium adj ( carbonate ) or caco3 ) and diatomaceous with( size or diameter) with( content or amount or weight)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 20:45
S126	0	limestone and diatomaceous with( size or diameter) with( content or amount or weight)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 20:47
S127	22	limestone and diatomaceous with( size or diameter) with( content or amount or weight)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 20:47
S128	5	calcite and diatomaceous with( size or diameter) with( content or amount or weight)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 20:54
S129	8	slaked adj lime and diatomaceous with( size or diameter) with( content or amount or weight)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 20:55
S130	466	diatomaceous with( size or diameter) with( content or amount or weight)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 20:59
S131	2397	diatomaceous with( size or diameter)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 20:59
S132	5	diatomaceous with( size or diameter) and ( lime adj stone)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 21:00

S133	87	diatomaceous with ( size or diameter) and ( limestone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 21:00
S134	4	celite with ( size or diameter) and ( limestone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 21:08
S135	299	celite with ( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 21:09
S136	42	celite with ( size or diameter) and calcium adj carbonate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/09 21:09
S137	2	"52018728"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 10:19
S138	2	"55090555"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 10:28
S139	2	"4781759".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 10:34
S140	25	absorbent same ( sand and perlite and vermiculite and attapulgite)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 10:40
S141	62	clay with ( diatomaceous adj earth and perlite and vermiculite and attapulgite)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 10:41
S142	24	absorbent with ( diatomaceous adj earth and perlite and vermiculite and attapulgite)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 10:42

S143	3	"4051056".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 10:57
S144	16	expanded adj vermiculite with absorbent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 11:10
S145	1	vermiculite with( size or diameter) and lime adj stone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 12:01
S146	54	vermiculite with( size or diameter) and limestone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 12:03
S147	2	"4781759".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 12:11
S148	7	("2597457"   "3921581"   "4108669"   "4243415"   "4430242").PN. OR ("4781759").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 12:11
S149	0	S148 and perlite	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 12:13
S150	1	S148 and vermiculite	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 12:14
S151	17	vermiculite with( size or diameter) and calcite	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 12:19
S152	263	filler with( size or diameter) and limestone and vermiculite	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 12:20
S153	205	filler with( size or diameter) and limestone same vermiculite	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 12:21
S154	166	filler with( size or diameter) and limestone same vermiculite same filler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 12:21

S155	1438	vermiculite with( size or diameter) and dolomite	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 12:26
S156	44	vermiculite with( size or diameter) and dolomite	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 12:26
S157	0	"4781759.pn.e"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 13:02
S158	0	"4781759.pn."	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 13:02
S159	2	"4781759".pn.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/13 15:44
S160	7	("2597457"   "3921581"   "4108669"   "4243415"   "4430242").PN. OR ("4781759").URPN.	US_PGPUB; USPAT; USOCR	OR	ON	2010/01/13 15:46
S161	391	limestone with ( size or diameter) and sand with ( size or diameter)	US_PGPUB; USPAT; USOCR	OR	ON	2010/01/13 15:48
S162	271	limestone with ( size or diameter) same sand with ( size or diameter)	US_PGPUB; USPAT; USOCR	OR	ON	2010/01/13 15:48
S163	1	09/051082	US_PGPUB; USPAT; USOCR	OR	ON	2010/01/13 15:54
S164	14	("2784062"   "2894820"   "3366450"   "4042352"   "4623523"   "4666690"   "5223239"   "5306475"   "5310498"   "5330572"   "5492685").PN. OR ("6322769").URPN.	US_PGPUB; USPAT; USOCR	OR	ON	2010/01/13 15:56
S165	1	10/583048	US_PGPUB; USPAT; USOCR	OR	ON	2010/01/13 16:19
S166	1	10/583048 and attapulgite	US_PGPUB; USPAT; USOCR	OR	ON	2010/01/13 16:19
S167	3	"4051056".pn.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 10:33

S168	4272	calcium adj hydroxide same silica	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/06 16:05
S169	885	calcium adj hydroxide same silica and silica with ( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/06 16:06
S170	601	calcium adj hydroxide same silica and silica with ( size or diameter) and powder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/06 16:06
S171	181	powder same calcium adj hydroxide same silica and silica with ( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/06 16:06
S172	28	calcium adj hydroxide same silica and silica with ( size or diameter) and powder\$3.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/06 16:27
S173	170	calcium adj hydroxide with ( size or diameter) and silica with ( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/06 20:51
S174	191	calcium adj hydroxide with ( size or diameter) and silica with ( size or diameter)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/06 20:51
S175	2	us-20030039836-\$ did.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/06 21:09
S176	3	"4051056".pn.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/06 21:10
S177	7	calcium adj hydroxide with ( size or diameter) and perlite with ( size or diameter)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/06 21:19

S178	5	calcium adj hydroxide with ( size or diameter) and vermiculite with ( size or diameter)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/06 21:24
S179	626	slaked with lime with ( diameter or size)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/16 09:28
S180	626	slaked with lime with ( diameter or size)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/16 09:28
S181	815971	slaked with lime with ( diameter or size) and "9" silica or sane0 with ( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/16 10:15
S182	106	slaked with lime with ( diameter or size) and ( silica or sand) with ( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/16 10:15
S183	93	slaked with lime with ( diameter or size) and ( vermiculite perlite or earth or sand) with ( size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/16 10:20
S184	16	slaked with lime with ( diameter or size) and ( vermiculite perlite or earth or sand) with ( size or diameter)	USOOR	OR	ON	2011/05/16 12:08
S185	2	slaked with quicklime with ( diameter or size) and ( vermiculite perlite or earth or sand) with ( size or diameter)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/16 12:09
S186	442	slaked with lime same ( diameter or size) and ( vermiculite perlite or earth or sand) same ( size or diameter)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/16 12:10
S187	2	*6672798*.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/22 17:07

S188	2	"6572798".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/22 17:07
S189	2	"6572698".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/22 17:08
S190	2	"6572698".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/23 08:09
S191	456	106/721,461.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/14 10:13

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